INDUSTRIAL COMPONENT DATA

# ELR H5-I-SC-24DC/500AC-2-L 2905513 PHOENIX CONTACT Hybrid motor starter

**Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H5-I-SC-24DC/500AC-2-L**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | ELR H5-I-SC-24DC/500AC-2-L |
| Catalog number | 2905513 |
| Category | Motor starter/Motor starter combination |
| Minimum order | 1 Pcs |
| Document ID | EO-9C6D2ECFA4 |
| Generated | 2026-11-19 |

## Product Overview

Hybrid motor starter
Hybrid motor starter, 3~AC motor inversion up to 550 V AC/2.4 A, 24 V DC input, class 10 trigger feature, overload function, no symmetry monitoring and no phase and underload failure detection. Possibility of connection of single-phase motors.

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > INTERFACE Components (IF) |

## Additional Product Information

Key Commercial Data
Orderkey 2905513
Packing unit 1 pc
GTIN 4046356964715
Weight per Piece (excluding packing) 217.180 g
Custom tariff number 85371098
Country of origin DE (Germany)
Device supply
Rated control circuit supply voltage US 24 V DC
Control supply voltage range 19.2 V DC ... 30 V DC
Rated control supply current IS 40 mA
Type of protection Surge protection
Reverse polarity protection

Input data
Input name Control input right/left
Rated actuating voltage UC 24 V DC
Triggering voltage range 19.2 V DC ... 30 V DC
Rated actuating current IC 5 mA (Input type 1)
Switching threshold 9.6 V (“0” signal)
19.2 V (“1” signal)
Typical turn-off time < 30 ms
Type of protection Reverse polarity protection
Output data load output
Output name AC output
Rated operating voltage Ue 500 V AC
Operating voltage range 42 V AC ... 550 V AC
Rated operating current Ie 2.4 A (AC-51)
2.4 A (AC-53a)
Mains frequency 50/60 Hz
Load current range 180 mA ... 2.4 A (see to derating)
Trigger characteristic in acc. with IEC 60947-4-2 Class 10
Cooling time 20 min. (for auto reset)
Leakage current 0 mA
Type of protection Surge protection
Output data reply output
Output name Acknowledge output
Note Confirmation: floating change-over contact, signal contact
Switching capacity according to IEC 60947-5-1 3 A (230 V, AC15)
2 A (24 V, DC13)
General
Switching frequency <= 2 Hz (Load-dependent)
Mounting position vertical (horizontal DIN rail, motor output below)
Mounting type DIN rail mounting
Assembly instruction...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H5-I-SC-24DC/500AC-2-L with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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